Amendments to the Claims:

Please amend the claims as follows:

1 – 19 (canceled)

20. (previously presented) A burner, comprising:

a means for providing a flow of compressed air and/or oxygen in a flow direction through a channel;

a means for creating a mixture in the channel, the mixture comprising the flow of compressed air and/or oxygen and a fuel, the means for creating a mixture comprising fuel discharge openings arranged to create a concentration distribution of fuel within the mixture that is not constant across a distance defined along a length of a first axis which is oriented perpendicular to the flow direction in order to avoid combustion instabilities during operation of the burner; and

a means for imparting a swirl to the mixture in the channel about the flow direction, the means for imparting swirl comprising a redirecting surface for redirecting the flow, wherein an outflow angle of the swirled mixture at a redirecting surface downstream end varies in magnitude in a single direction along a length of a second axis perpendicular to the flow direction.

21. (previously presented) The burner according to claim 20, wherein the burner has a burner longitudinal axis, and wherein the first axis intersects the burner longitudinal axis.

22. (currently amended) The burner according to claim 21, wherein the burner longitudinal axis represents an interior area of the burner, and the concentration distribution of the fuel decreases from the interior to an exterior portion of the burner located a distance away radially from the interior area.

23. (canceled).

24. (previously presented) The burner according to claim 20, wherein the channel is embodied annularly around a burner longitudinal axis.

25. (previously presented) The burner according to claim 24, wherein a fuel-gas mixture flows in the channel.

26. (previously presented) A gas turbine combustion engine comprising the burner according to claim 20.

27. (previously presented) The burner according to claim 20, further comprising a diffusion or pilot burner arranged centrally along a burner longitudinal axis.

28. (canceled).

29. (previously presented) The burner according to claim 20, wherein the redirecting surface is a swirl blade.

30. (previously presented) The burner according to claim 29,wherein the fuel is supplied to the channel via a fuel nozzle in the swirl blade.

31. (previously presented) The burner according to claim 30, wherein the swirl blade has fuel nozzles with diameters that vary and produce the non-constant concentration distribution of the fuel.

32. (previously presented) The burner according to claim 31, wherein the burner has a burner longitudinal axis that represents an interior area of the burner and the burner has a radial direction disposed perpendicularly to the burner longitudinal axis, and the diameter of the fuel nozzles of an installed swirl blade decreases in the radial direction from the interior to an exterior portion of the burner located a distance away radially from the interior area.

33 - 39. (canceled)